

1 **In the Claims**

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3 1. (Currently Amended) One or more tangible computer-readable
4 media having computer-readable instructions thereon which, when executed,
5 implement an extensible electronic document editor comprising:

6 a selection services component comprising a selection services interface
7 that provides one or more methods to enable an editor extension to override a
8 selection function provided by the electronic document editor and provide a
9 customized model for the selection function, and to clear, add or remove a
10 segment from a selection object using the customized model for the selection
11 function;

12 a designer extensibility mechanism;

13 a plurality of designers, wherein the designers communicate with the
14 electronic document editor through the designer extensibility mechanism and
15 through the selection services component;

16 a designer registry including respective entries for the designers, wherein
17 the entries are arranged in sequential order; and

18 an event routing controller adapted to route events to at least one of the
19 designers based at least in part on the sequential order of the entries in the designer
20 registry.

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22 2. (Currently Amended) The one or more tangible computer
23 readable media of claim 1, wherein one of the methods provided further comprises
24 a method that adds an element segment to an editable selection.

1 3. (Currently Amended) The one or more tangible computer
2 readable media of claim 1, wherein the selection services interface is adapted to
3 enable the extensible electronic document editor to interact with the customized
4 selection model without exposing details of the editor extension.

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6 4. (Currently Amended) The one or more tangible computer
7 readable media of claim 1, wherein one of the methods provided further comprises
8 a method that adds a segment to an editable selection.

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10 5. (Currently Amended) The one or more tangible computer
11 readable media of claim 1, wherein one of the methods provided further comprises
12 a method that removes a segment from an editable selection.

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14 6. (Currently Amended) The one or more tangible computer
15 readable media of claim 1, wherein one of the methods provided further comprises
16 a method that sets a selection type.

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18 7-22. (Canceled).

1 23. (Currently Amended) A tangible computer-readable medium
2 having computer-executable instructions for one or more interfaces that, when
3 executed by an extensible electronic document editor on a computer, perform the
4 following:

5 override a selection function provided by the electronic document
6 editor to provide a customized model for the selection function;

7 register one or more designers in a sequential order;

8 route an event to at least one of the one or more designers based at
9 least in part on the sequential order in which the one or more designers are
10 registered;

11 receive parameters from one of the one or more designers through a
12 selection services interface;

13 utilize the parameters to clear, add or remove a selected segment
14 from a selection object of an electronic document using the customized
15 model for the selection function;

16 return values to the designer regarding the state of the selected
17 segment.

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19 24. (Currently Amended) The tangible computer-readable medium
20 as recited in claim 23, wherein the utilizing the parameters further comprises
21 utilizing the parameters to add an element segment to an editable selection.

1 25. (Currently Amended) The tangible computer-readable medium
2 as recited in claim 23, wherein overriding the selection function includes enabling
3 the extensible electronic document editor to interact with the customized selection
4 model without exposing details of the designer.

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6 26. (Currently Amended) The tangible computer-readable medium
7 as recited in claim 23, wherein the utilizing the parameters further comprises
8 utilizing the parameters to add a segment to an editable selection.

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10 27. (Currently Amended) The tangible computer-readable medium
11 as recited in claim 23, wherein the utilizing the parameters further comprises
12 utilizing the parameters to remove a segment from an editable selection.

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14 28. (Currently Amended) The tangible computer-readable medium
15 as recited in claim 23, wherein the utilizing the parameters further comprises
16 utilizing the parameters to set a selection type.

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18 29-35. (Canceled).

1 36. (Previously Presented) A method for providing selection
2 services to one or more extensions in an extensible editor, the method comprising:
3 receiving a request from an extension to utilize a selection services
4 component;
5 facilitating the request by presenting a selection services interface
6 that is accessible by the extension and that overrides a selection function
7 provided by the extensible editor to provide a customized model for the
8 selection function;
9 registering the one or more extensions in a sequential order;
10 routing an event related to the selection services component to at
11 least one of the one or more extensions based at least in part on the
12 sequential order in which the extensions are registered; and
13 communicating with the at least one of the one or more extensions
14 through the selection services interface to enable the extension to clear, add,
15 or remove a selected segment from a selection object of an electronic
16 document using the customized model for the selection function.

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18 37. (Original) The method as recited in claim 36, wherein the
19 selection services interface further comprises a method to add an element segment
20 to an editable selection, and wherein the communicating further comprises
21 communicating with the extension through the selection services interface.

1 38. (Previously Presented) The method as recited in claim 36,
2 wherein the selection services interface is adapted to enable the extensible
3 electronic document editor to interact with the customized selection model without
4 exposing details of the extension.

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6 39. (Original) The method as recited in claim 36, wherein the
7 selection services interface further comprises a method to add a segment to an
8 editable selection, and wherein the communicating further comprises
9 communicating with the extension through the selection services interface.

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11 40. (Original) The method as recited in claim 36, wherein the
12 selection services interface further comprises a method to remove a segment from
13 an editable selection, and wherein the communicating further comprises
14 communicating with the extension through the selection services interface.

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16 41. (Original) The method as recited in claim 36, wherein the
17 selection services interface further comprises a method to set a selection type, and
18 wherein the communicating further comprises communicating with the extension
19 through the selection services interface.

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21 42-60. (Canceled).